

Contact

+1 (571) 707-0583 (Mobile)
omjodhpurkar@gmail.com

www.linkedin.com/in/omjodhpurkar
(LinkedIn)
www.youtube.com/channel/
UCm5zPqgYhGniltrEKSImmA
(Other)

Top Skills

Large Language Models (LLM)
PySpark
Artificial Intelligence (AI)

Certifications

Linux for Developers - Coursera
Data Engineering Internship
Programme
AI for Everyone: Master the Basics -
edX
Linux Tools for Developers -
Coursera
Google Cloud Essentials

Om Jodhpurkar

Applied Machine Learning Analyst @ Smarsh | Applied Data Science
Graduate Student @ USC
Los Angeles, California, United States

Summary

I am a multifaceted individual at the intersection of technology, leadership, and the arts. With internship experiences in both Data Science and Blockchain, I bring to the table a blend of technical expertise and a deep understanding of how technology can be harnessed to solve real-world problems.

As a confident communicator with strong social skills, I've been recognized for my ability to guide and inspire others. My experiences have honed my skills in team building, driving large initiatives, and swiftly learning various software applications. This allows me to adapt to new technologies with speed and accuracy, always maintaining a focus on people-centric solutions.

Outside of technology, I'm a gifted musician and a professional Western Classical Singer, having achieved fourth grade from the Trinity School of London. As a YouTuber, I've successfully garnered 2K+ views on my channel, showcasing my creativity and connection with the audience.

I thrive when challenged by assignments that push my boundaries, especially those that make a positive difference for the organization I represent. Be it working as a team player or an individual contributor, I am committed to delivering excellence.

I look forward to bringing my unique blend of technical acumen, leadership skills, and artistic talent to new challenges and opportunities.

Experience

Smarsh
Applied Machine Learning Analyst
June 2024 - December 2024 (7 months)

United States

- Automated API data retrieval, processed 10,000+ metadata and email records efficiently.
- Designed S3 upload library, streamlining cloud-based workflows and reducing manual processes.
- Developed NLP-based text anonymization models, cutting processing time by 30% and ensuring data privacy compliance.

University of Southern California

Student Ambassador

February 2024 - May 2024 (4 months)

Los Angeles, California, United States

As a Student Ambassador at the University of Southern California (USC), I am committed to nurturing our alumni network and fostering meaningful connections. Through strategic communication and engagement initiatives, I ensure that alumni remain connected and informed about campus updates and opportunities for involvement.

Trojan Event Services

Technical Assistant

August 2023 - May 2024 (10 months)

Los Angeles, California, United States

Assist lighting, audio, and video technicians with event operations. Cooperate with stage managers and other technical assistants on venue setup, take-down, and technology maintenance.

InfoCepts

Data Science Intern

March 2023 - June 2023 (4 months)

Nagpur, Maharashtra, India

Oasis Pro Markets

Blockchain Development Intern

January 2023 - March 2023 (3 months)

DeFi, DAOs

Developing ERC20 Token Smart Contract Development using Solidity. React, Web3, Moralis & Metamask.

Developer Student Clubs

Content Creator

August 2021 - May 2022 (10 months)

IEEE RCOEM SB

1 year 10 months

Treasurer SB RCOEM

April 2021 - April 2022 (1 year 1 month)

Nagpur, Maharashtra, India

Social Media Head SB RCOEM

July 2020 - April 2021 (10 months)

simplecrm.com

Data Science Intern

November 2021 - January 2022 (3 months)

Nagpur, Maharashtra, India

- Worked with senior ML specialists to develop a self-learning email spam filtering system using NLP and Naïve

Bayes algorithm on a considerably large dataset

- Enhanced the algorithm's efficiency by using word embedding & LSTM models with Keras library (deep learning)

- Worked on sentiment analysis in python to analyze the severity of fraudulent activity in the spam emails

InfoCepts

Intern

June 2021 - July 2021 (2 months)

Pune, Maharashtra, India

Executed predictive analytics project for Capital Bikeshare program in Washington D.C. This machine learning project used historical usage patterns with the weather data to forecast bike rental demand. I took the following steps of 1. performing exploratory data analysis (EDA), 2. Perform Data Visualization & Feature Engineering, 3. Finally trying Modeling & HyperParameter Tuning to build predictive models. In this project I used following technologies Python, AWS Sagemaker for Jupyter Notebook. I used following algorithms Linear Regression, Decision Trees, Random Forest, Adaptive Boost & Gradient Boost, XGBoost. This gave me good exposure to predictive data analytics & machine learning.

Education

University of Southern California

Master of Science - MS, Applied Data Science · (August 2023 - August 2025)

Shri Ramdeobaba College of Engineering and Management

Bachelor of Technology - BTech, Computer science engineering · (2019 - 2023)

ABRSM

Western Classical Vocals Grade 4, Western Vocals & Theory · (2020 - 2021)

Centre Point School - India

High School Diploma · (2007 - 2017)